



PATENT
Attorney Docket No. A-67229-6/RFT/RMS/RMK

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

DAHIYAT, *et al.*

Serial No. 09/782,004

Filed: February 12, 2001

For: *Protein Design Automation for Protein Libraries*

Group No. 1637

Examiner: Wessendorf, Teresa D.

CERTIFICATE OF MAILING

I hereby certify that this correspondence and enclosures are being deposited with the United States Postal Service as Express Mail (EU213987835) in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:

Date: Apr 12, 2003

Signature Diane M. Tsuda
Diane M. Tsuda

RESPONSE TO OFFICE ACTION

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

This paper is being submitted in response to the Office Action mailed October 2, 2002. This response is filed on or before April 2, 2003, with a request for a three-month extension and required fees. The Commissioner is authorized to charge any additional fees, including any extension fees, which may be required, or credit any overpayment to Deposit Account No. 502325.

In the Specification:

Please replace the paragraph found on page 12, beginning at line 22 with the following paragraph.

The source of the sequences can vary widely, and include taking sequences from one or more of the known databases, including, but not limited to, SCOP (Hubbard, et al., Nucleic Acids Res 27(1):254-256. (1999)); PFAM (Bateman, et al., Nucleic Acids Res 27(1):260-262. (1999)); VAST (Gibrat, et al., Curr Opin Struct Biol 6(3):377-385. (1996)); CATH (Orengo, et al., Structure 5(8):1093-1108. (1997)); PhD Predictor (Rost B, Sander C, Schneider R., PHD--an automatic mail server for protein secondary structure prediction. Comput Appl Biosci. 1994 Feb;10(1):53-60); Prosite (Hofmann, et al., Nucleic Acids Res 27(1):215-219. (1999)); PIR (Wu CH, Yeh LS, Huang H, Arminski L, Castro-Alvear J, Chen Y, Hu Z, Kourtesis P, Ledley RS, Suzek BE, Vinayaka CR, Zhang J, Barker WC, The Protein Information Resource, Nucleic Acids Res. 2003 Jan 1;31(1):345-7.); GenBank (ncbi.nlm.nih.gov); PDB (H. M. Berman, T. Battistuz, T. N. Bhat, W. F. Bluhm, P. E. Bourne, K. Burkhardt, Z. Feng, G. L. Gilliland, L. Iype, S. Jain, P. Fagan, J. Marvin, D. Padilla, V. Ravichandran,

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